Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110320\
Data File : VL035816.D
Acq On : 3 Nov 2020 23:18
Operator : SY/AP
Sample : L4604-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 04 05:17:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	1158437	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.15	114	5121291	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.06	117	4738880	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	3397382	10.09	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	10948	0.050	ppbv		94
3) Chlorodifluoromethane	2.97	51	4814	0.035	ppbv		96
9) Propene	3.00	41	10317	0.203	ppbv	#	46
13) Ethanol	3.60	45	1816	0.165	ppbv	#	35
15) Acetone	3.84	43	59009	0.476	ppbv	#	70
20) Methylene Chloride	4.32	84	40781	0.468	ppbv		99
25) Ethyl Acetate	5.66	43	13505	0.055	ppbv	#	74
26) Hexane	5.66	57	22479	0.167	ppbv	#	46
29) Chloroform	5.73	83	133136	0.503	ppbv		91
35) Carbon Tetrachloride	6.99	117	12886	0.047	ppbv		90
36) Benzene	6.86	78	18453	0.048	ppbv	#	96
39) 1,2-Dichloropropane	7.15	63	922352	7.196	ppbv	#	29
53) Toluene	9.78	91	77416	0.169	ppbv		99
58) Ethyl Benzene	12.68	91	21257	0.037	ppbv		94
59) m/p-Xylene	12.97	91	21632	0.044	ppbv	#	28
60) o-Xylene	13.67	91	50939	0.107	ppbv		99
69) p-Isopropyltoluene	17.63	119	27460	0.036	ppbv	#	78
70) n-Butylbenzene	18.54	91	46585	0.064	ppbv		96
74) 1,2,4-Trimethylbenzene	16.74	105	29672	0.053	ppbv	#	66

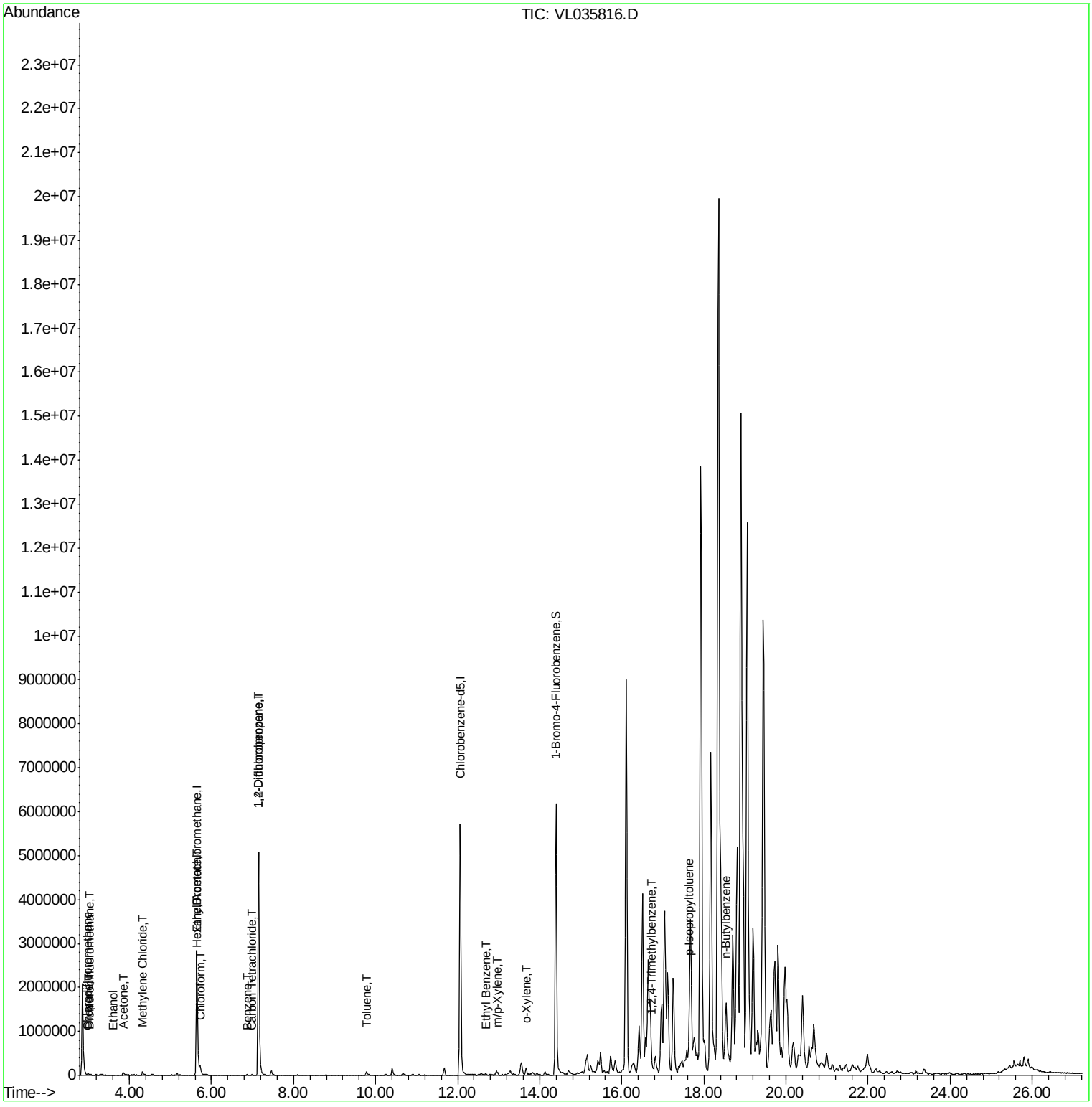
(#) = qualifier out of range (m) = manual integration (+) = signals summed

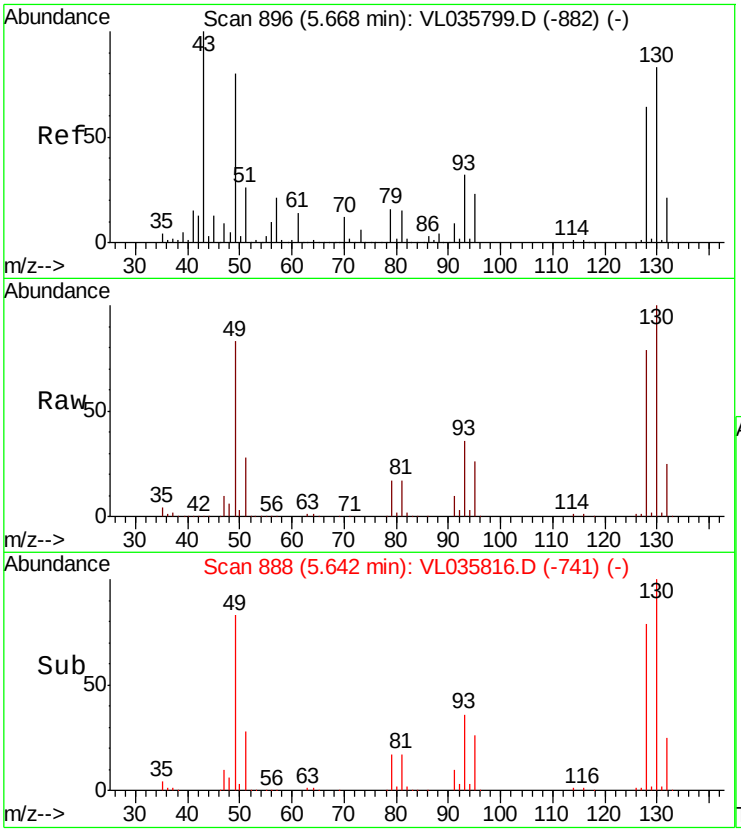
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110320\
Data File : VL035816.D
Acq On : 3 Nov 2020 23:18
Operator : SY/AP
Sample : L4604-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 04 05:17:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration



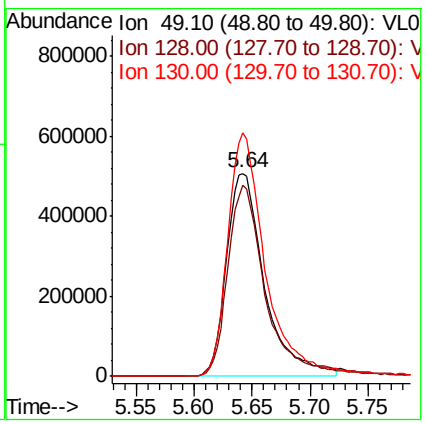


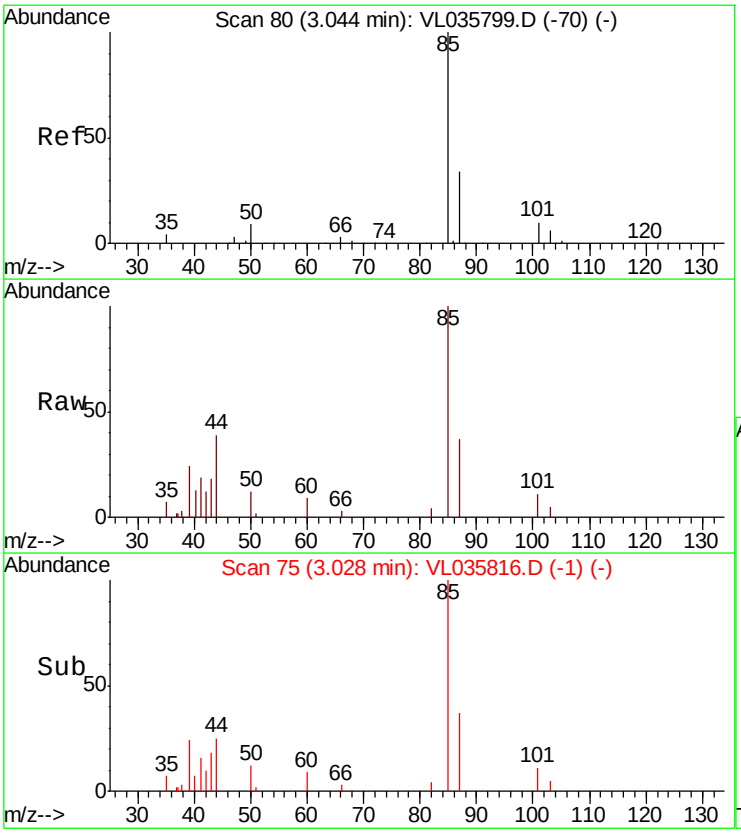
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.03 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1158437

Ion	Ratio	Lower	Upper
49	100		
128	95.0	41.5	124.6
130	121.9	53.7	161.1

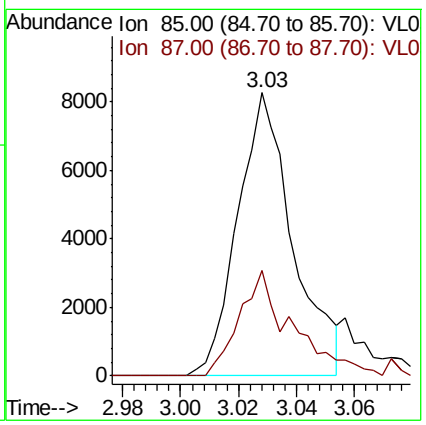


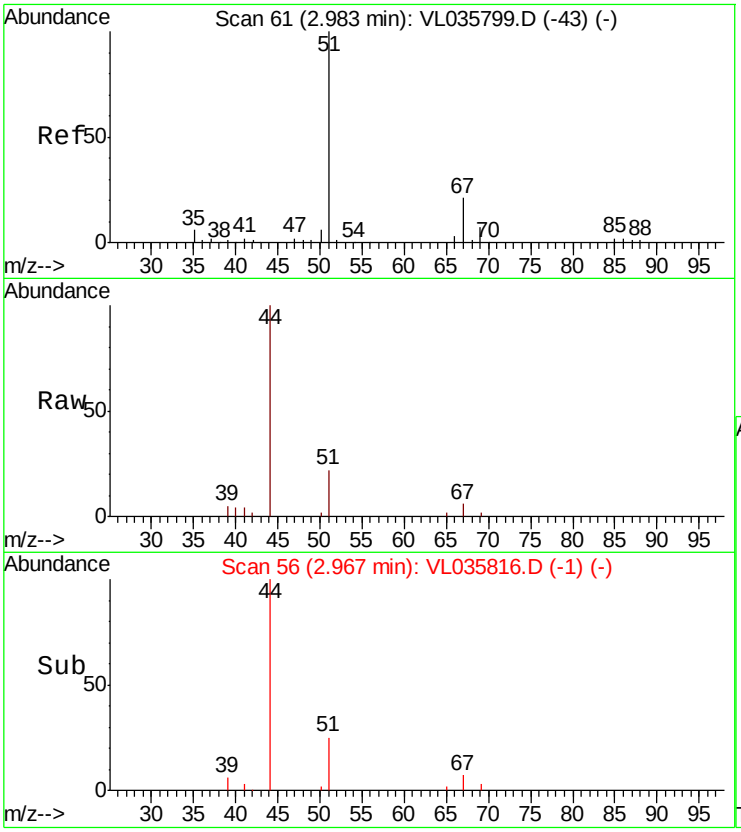


#2
Dichlorodifluoromethane
Concen: 0.050 ppbv
RT: 3.03 min Scan# 75
Delta R.T. -0.02 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion: 85 Resp: 10948

Ion	Ratio	Lower	Upper
85	100		
87	37.2	27.1	40.7

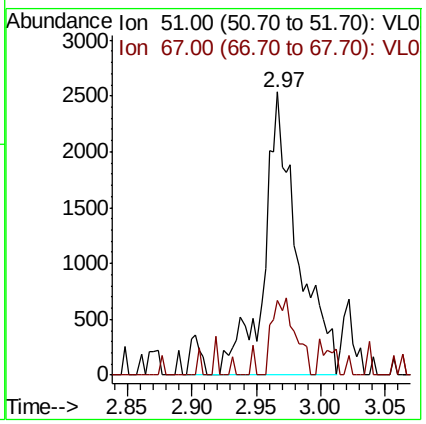




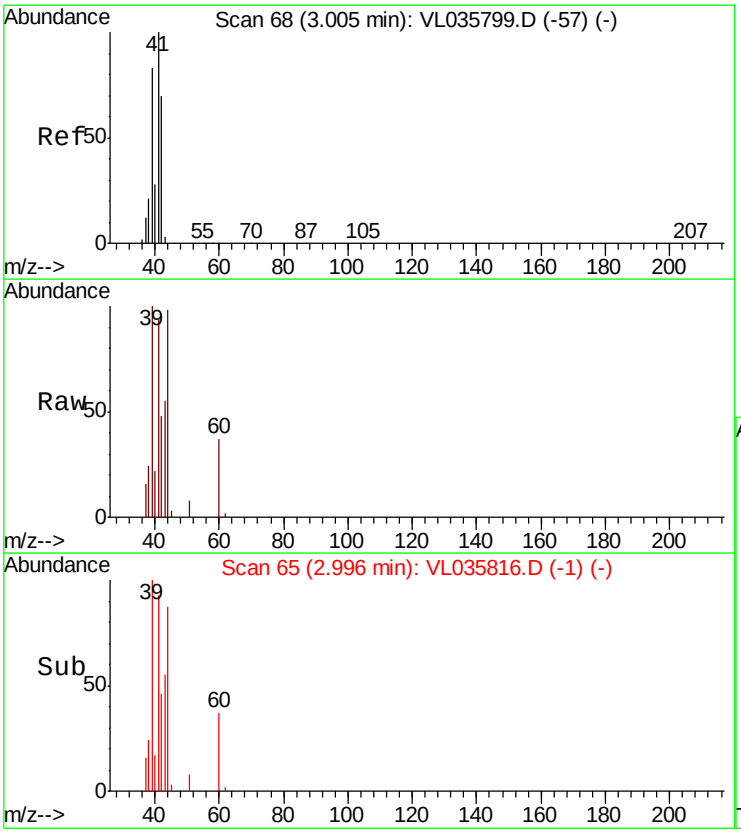
#3
Chlorodifluoromethane
Concen: 0.035 ppbv
RT: 2.97 min Scan# 56
Delta R.T. -0.02 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion: 51 Resp: 4814

Ion	Ratio	Lower	Upper
51	100		
67	19.2	17.0	25.4



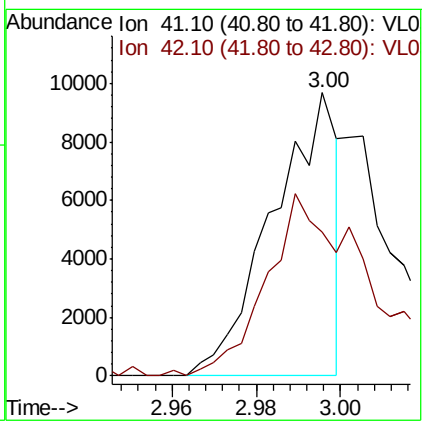
Instrument :
MSVOA_L
ClientSampleId :

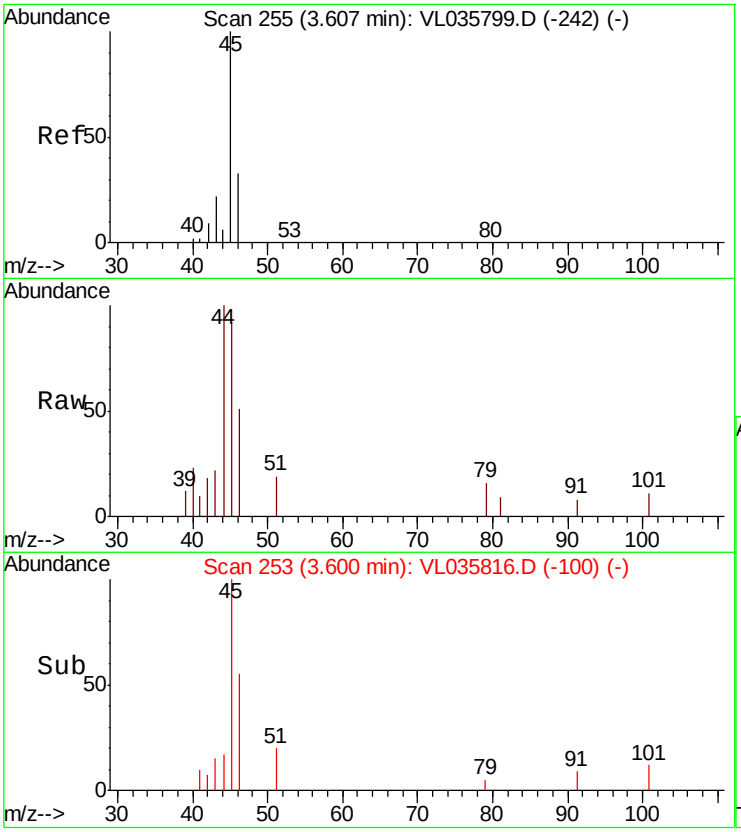


#9
Propene
Concen: 0.203 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion: 41 Resp: 10317

Ion	Ratio	Lower	Upper
41	100		
42	114.9	56.2	84.4#



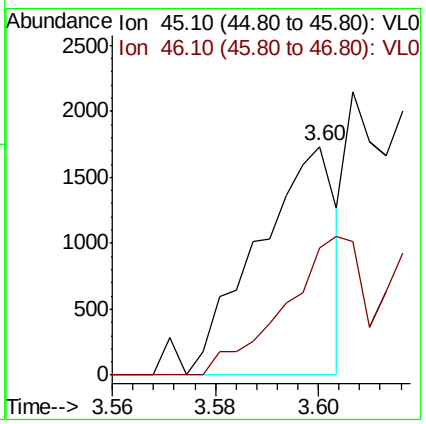


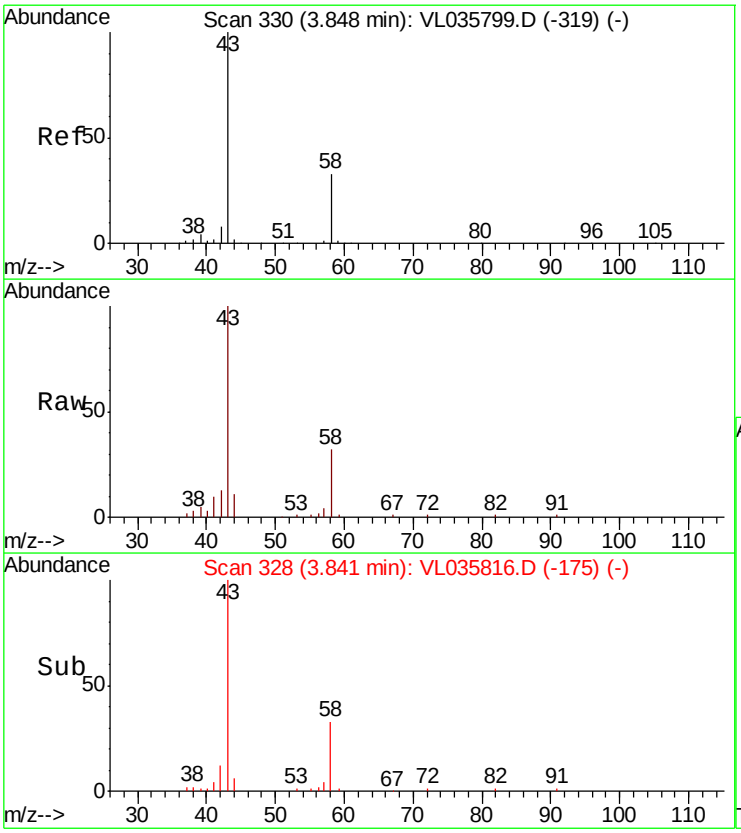
#13
Ethanol
Concen: 0.165 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 1816

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.1	64.5#

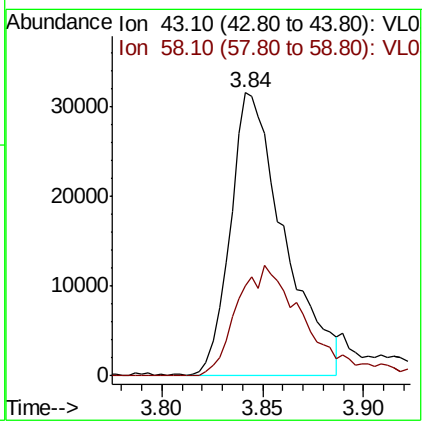


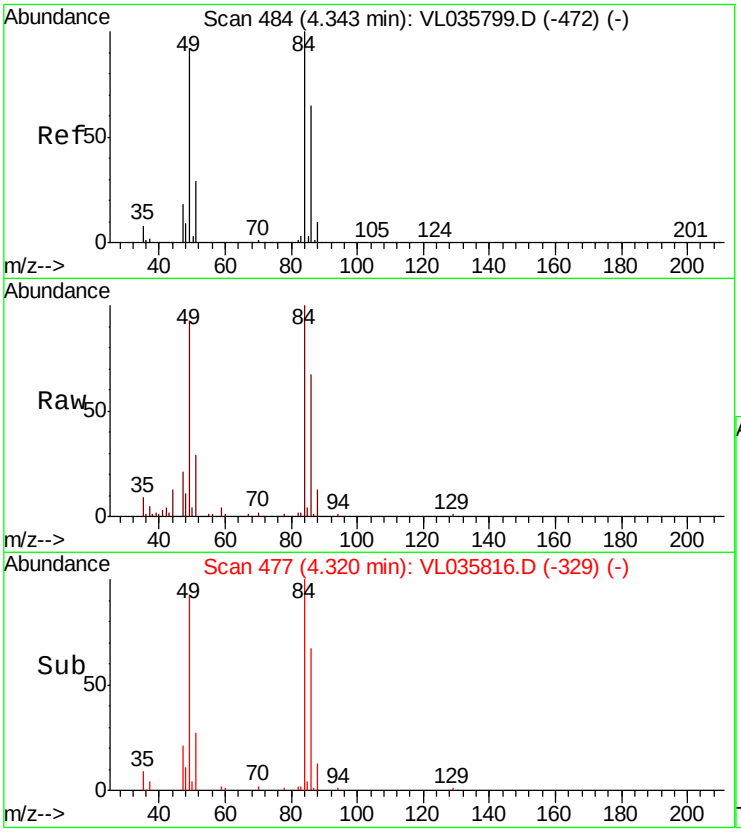


#15
Acetone
Concen: 0.476 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion: 43 Resp: 59009

Ion	Ratio	Lower	Upper
43	100		
58	51.6	27.5	41.3#



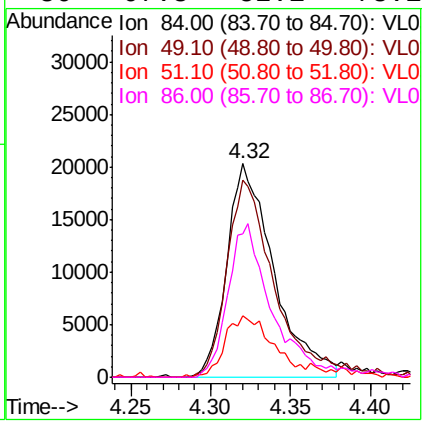


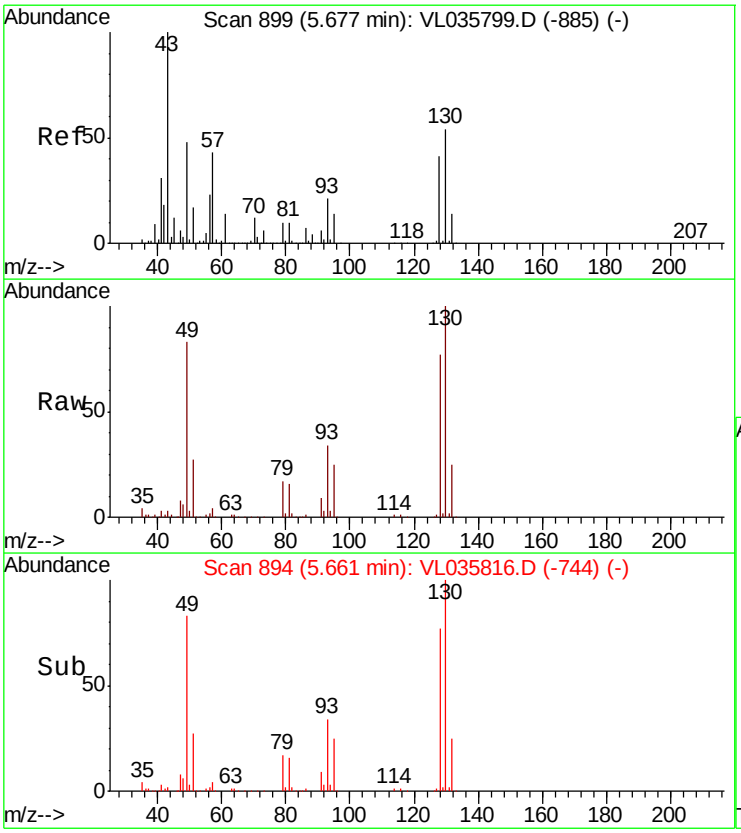
#20
Methylene Chloride
Concen: 0.468 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 40781

Ion	Ratio	Lower	Upper
84	100		
49	92.6	73.8	110.8
51	27.6	23.0	34.4
86	67.3	52.1	78.1

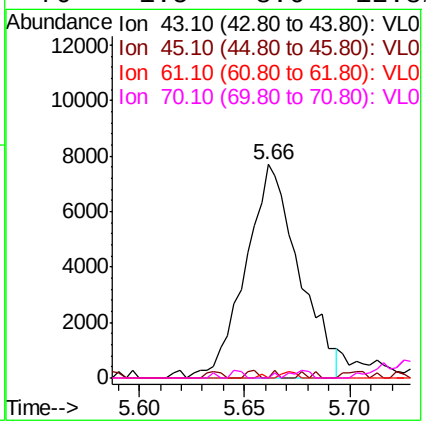


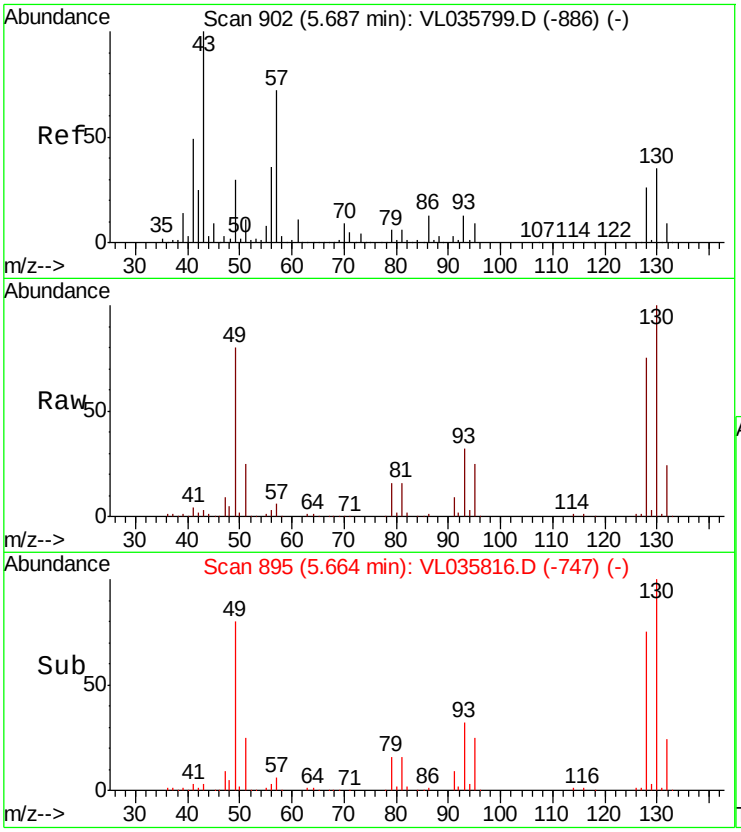


#25
Ethyl Acetate
Concen: 0.055 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion: 43 Resp: 13505

Ion	Ratio	Lower	Upper
43	100		
45	2.0	8.5	12.7#
61	1.1	10.7	16.1#
70	1.5	8.6	12.8#



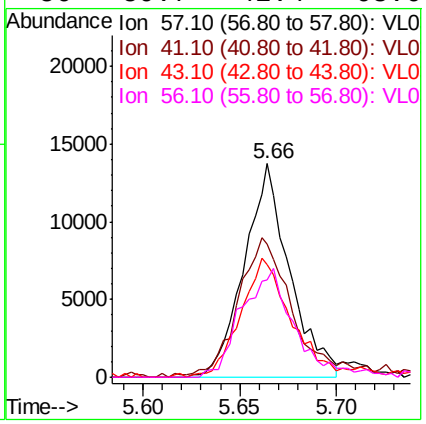


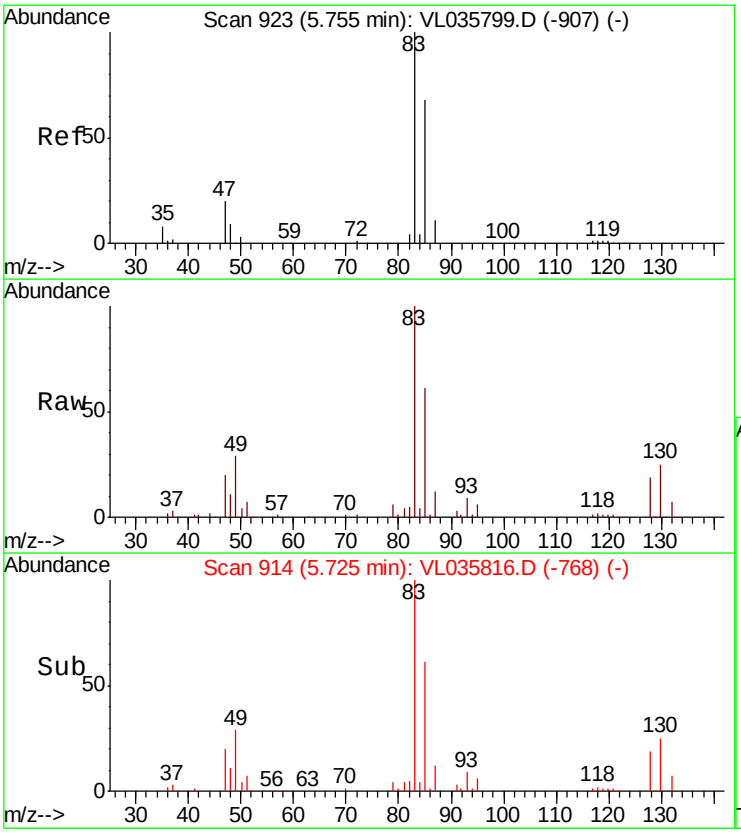
#26
Hexane
Concen: 0.167 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 22479

Ion	Ratio	Lower	Upper
57	100		
41	84.2	58.9	88.3
43	66.3	150.2	225.2#
56	59.7	42.4	63.6

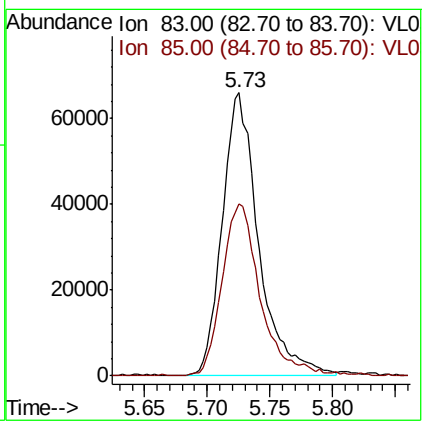


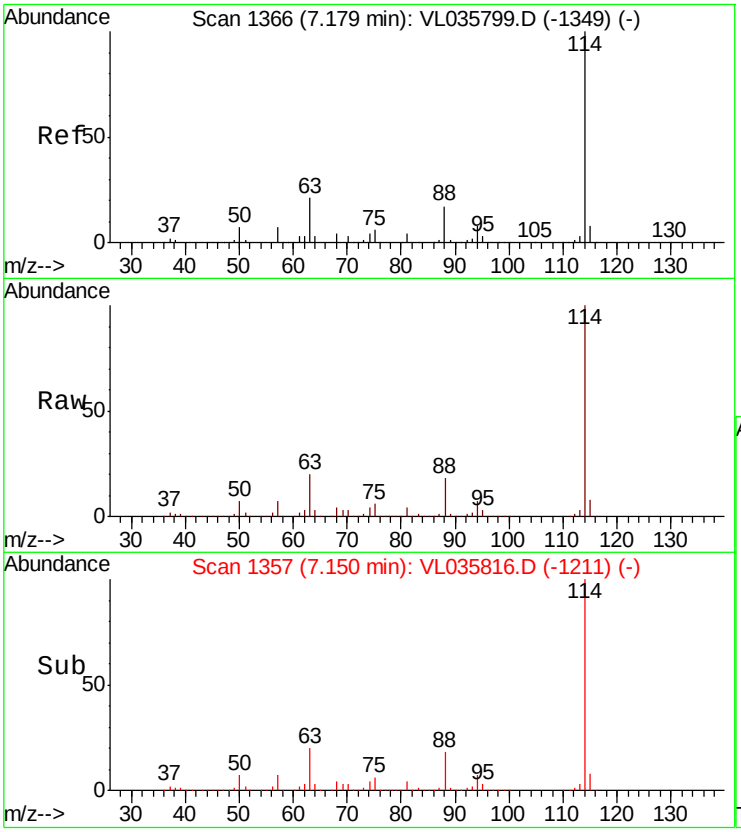


#29
Chloroform
Concen: 0.503 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.03 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion: 83 Resp: 133136

Ion	Ratio	Lower	Upper
83	100		
85	60.8	54.6	81.8



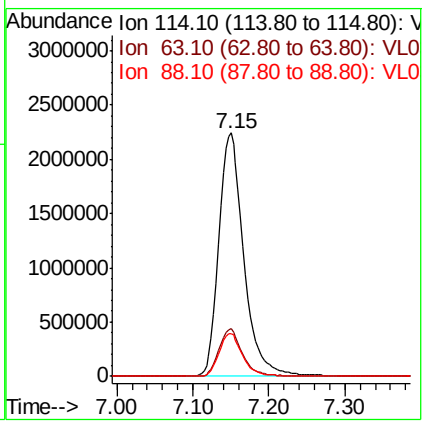


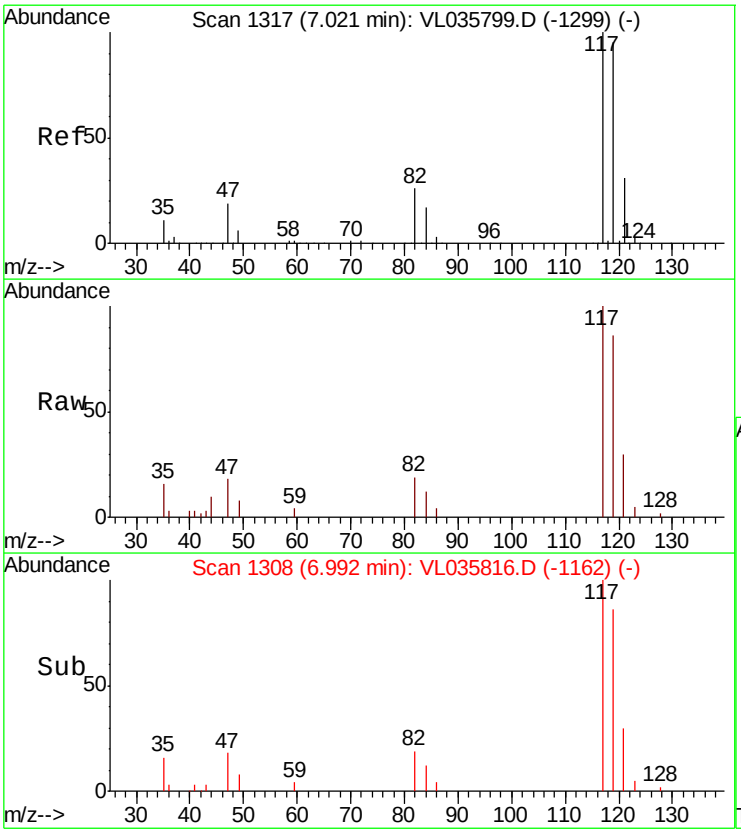
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 5121291

Ion	Ratio	Lower	Upper
114	100		
63	18.4	16.1	24.1
88	16.7	13.7	20.5

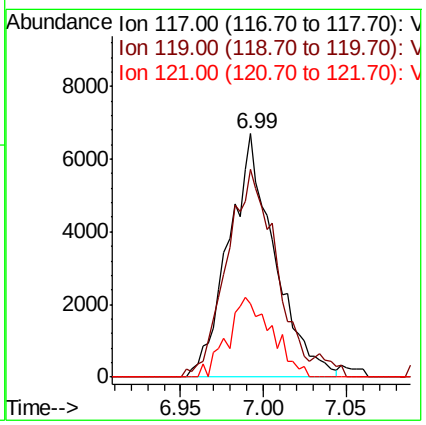


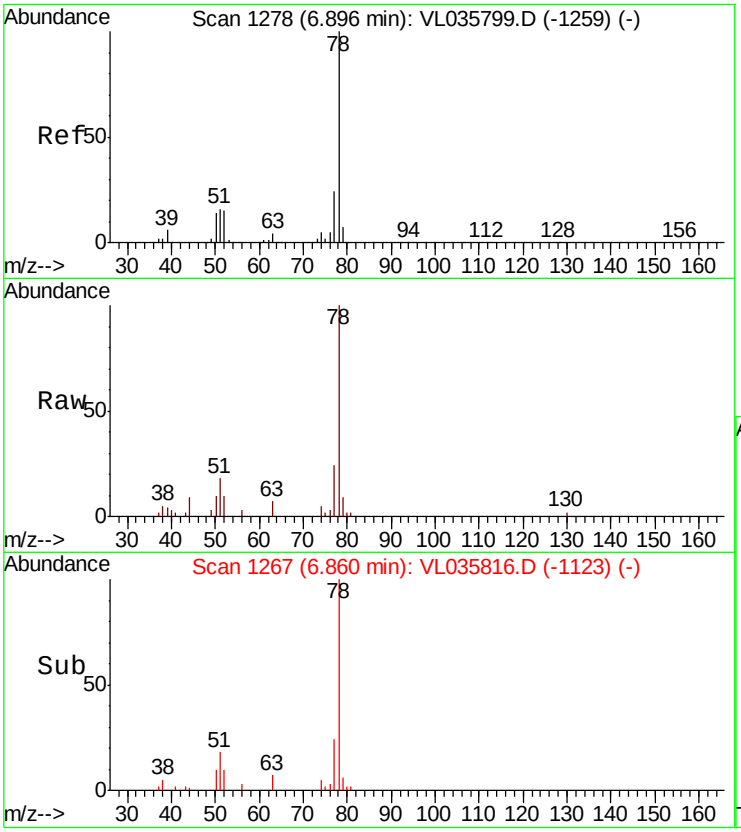


#35
Carbon Tetrachloride
Concen: 0.047 ppbv
RT: 6.99 min Scan# 1308
Delta R.T. -0.03 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion:117 Resp: 12886

Ion	Ratio	Lower	Upper
117	100		
119	82.0	75.6	113.4
121	30.1	25.1	37.7



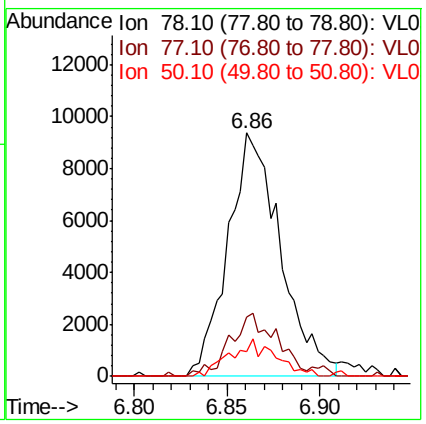


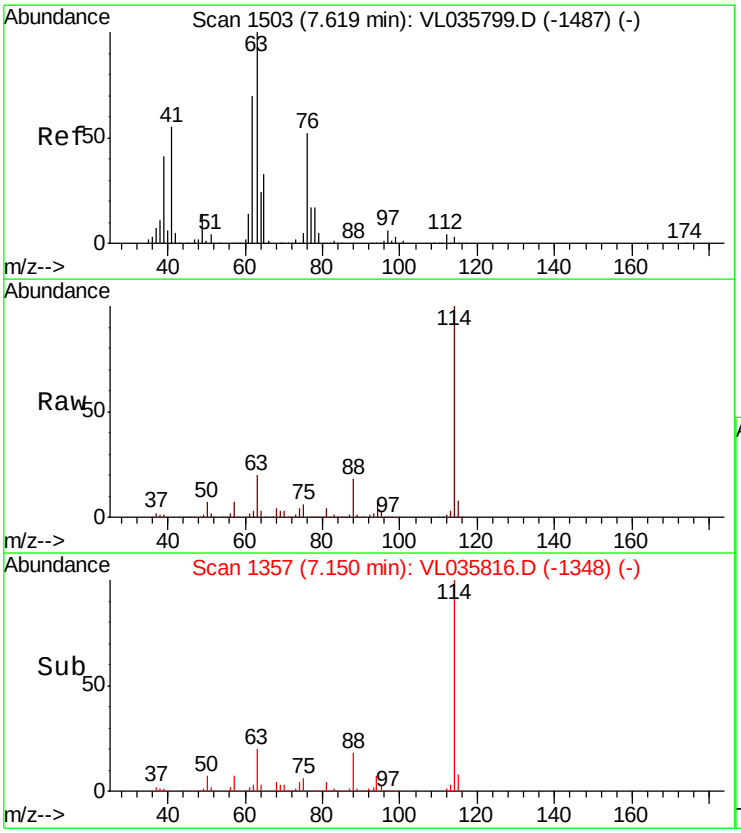
#36
Benzene
Concen: 0.048 ppbv
RT: 6.86 min Scan# 1267
Delta R.T. -0.04 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 18453

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9
50	10.1	11.4	17.2#

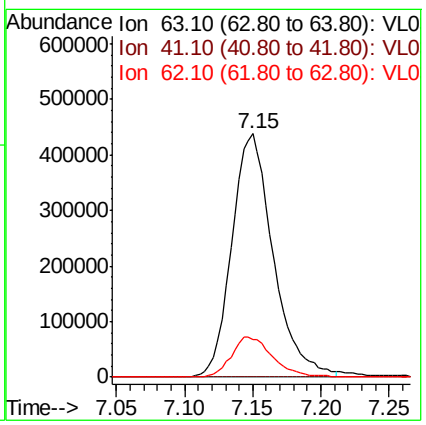


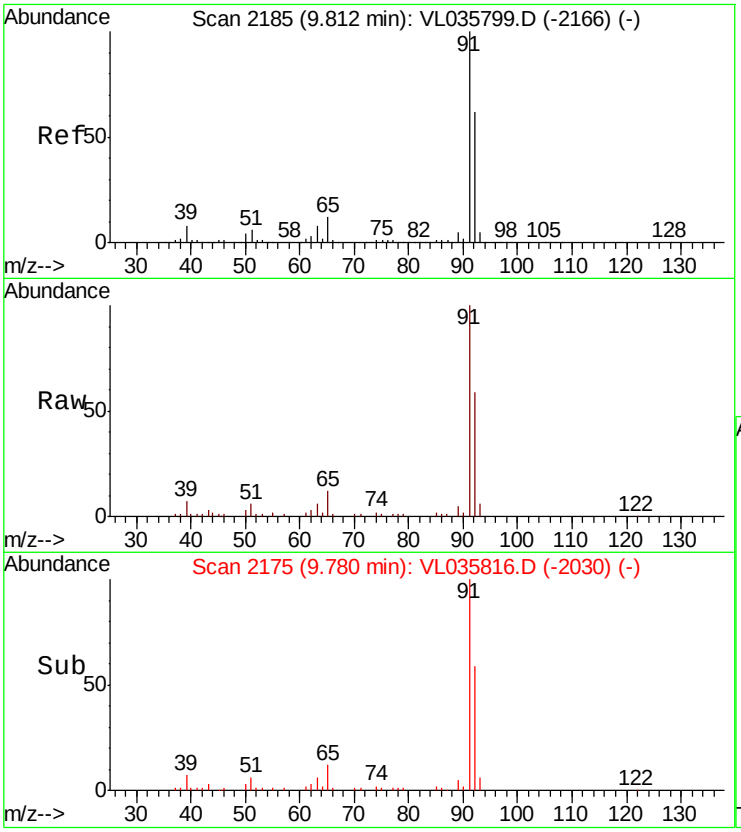


#39
1,2-Dichloropropane
Concen: 7.196 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.47 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion: 63 Resp: 922352

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	15.2	56.2	84.2#



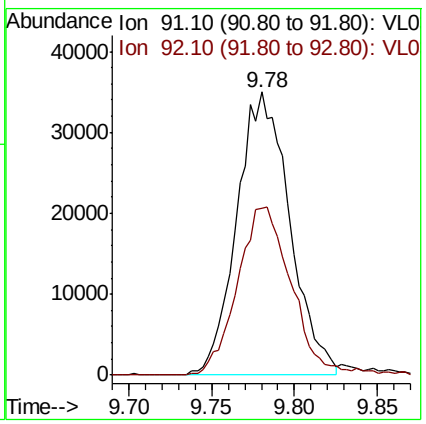


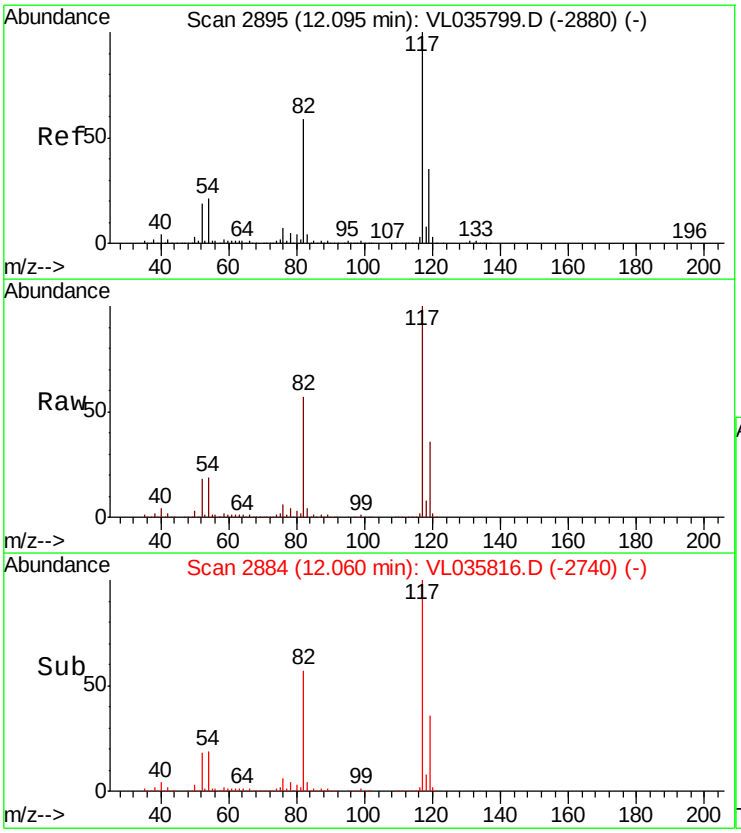
#53
Toluene
Concen: 0.169 ppbv
RT: 9.78 min Scan# 2175
Delta R.T. -0.03 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 77416

Ion	Ratio	Lower	Upper
91	100		
92	61.4	49.8	74.6

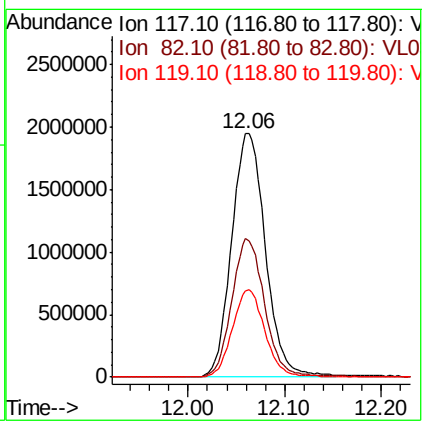


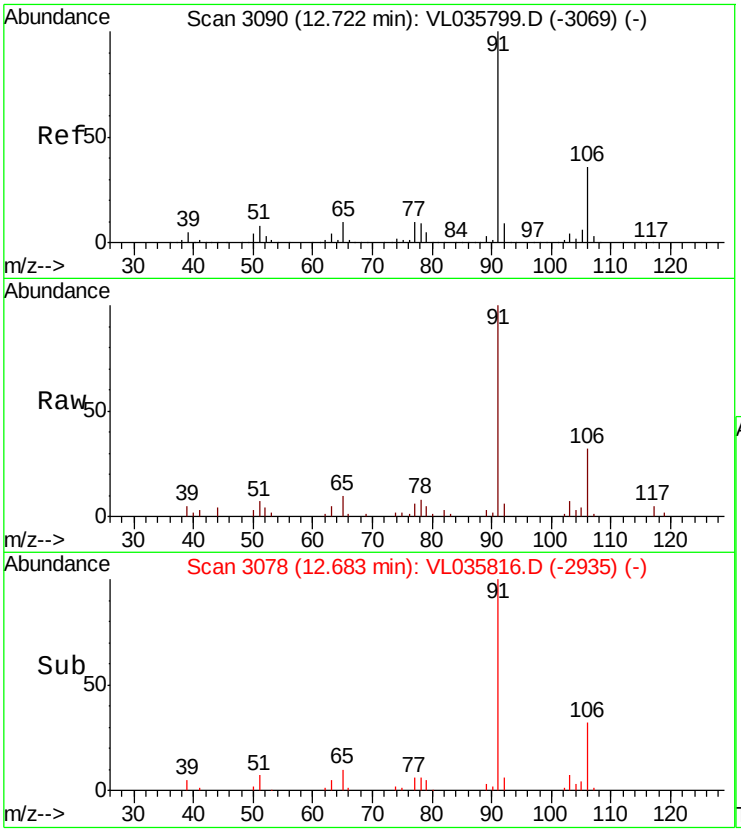


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion:117 Resp: 4738880

Ion	Ratio	Lower	Upper
117	100		
82	55.9	50.6	76.0
119	34.9	52.6	78.8#



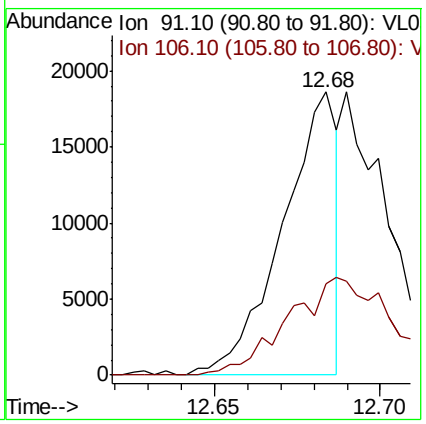


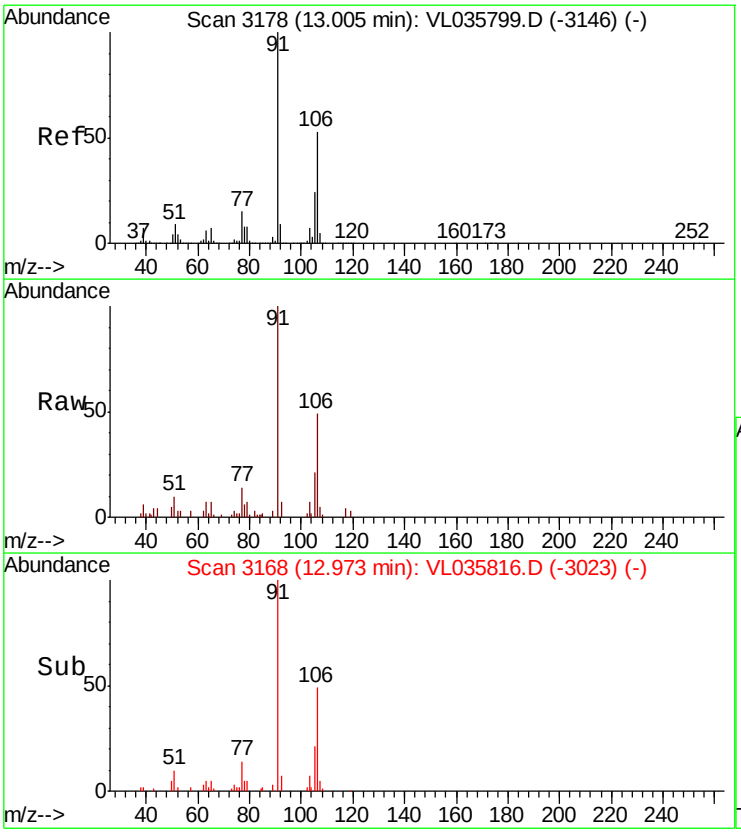
#58
Ethyl Benzene
Concen: 0.037 ppbv
RT: 12.68 min Scan# 3078
Delta R.T. -0.04 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 21257

Ion	Ratio	Lower	Upper
91	100		
106	32.3	28.6	43.0

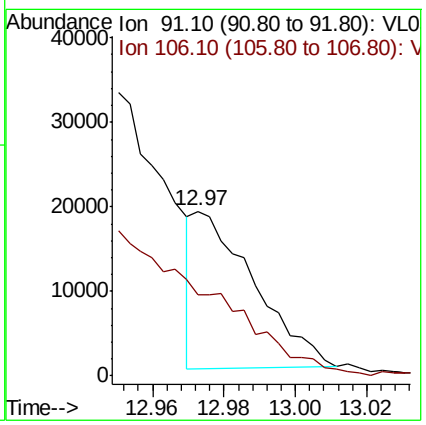


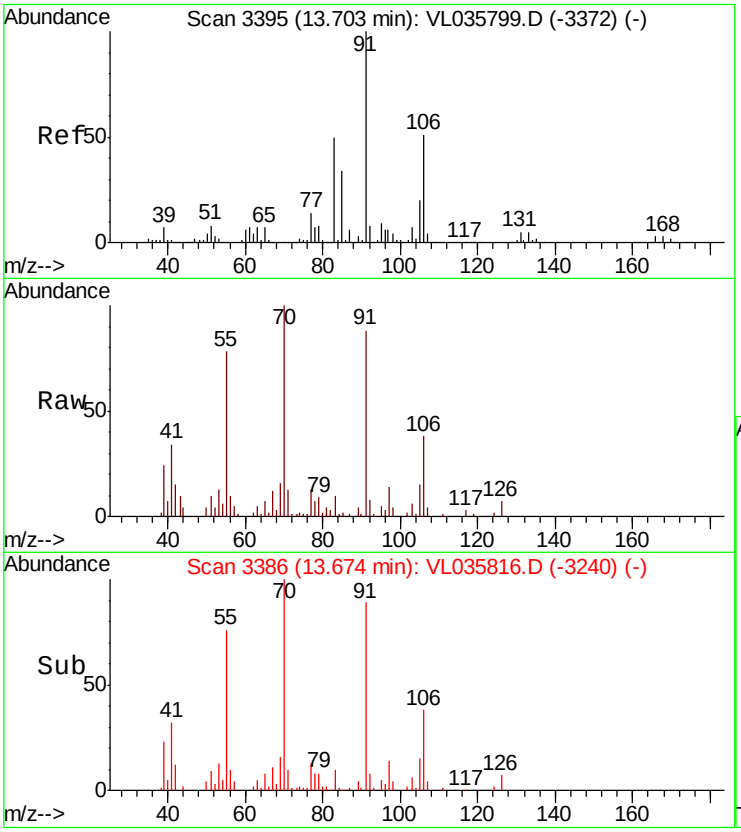


#59
m/p-Xylene
Concen: 0.044 ppbv
RT: 12.97 min Scan# 3168
Delta R.T. -0.03 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion: 91 Resp: 21632

Ion	Ratio	Lower	Upper
91	100		
106	0.0	39.5	59.3#



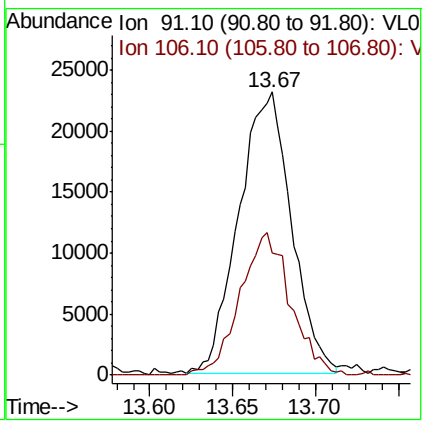


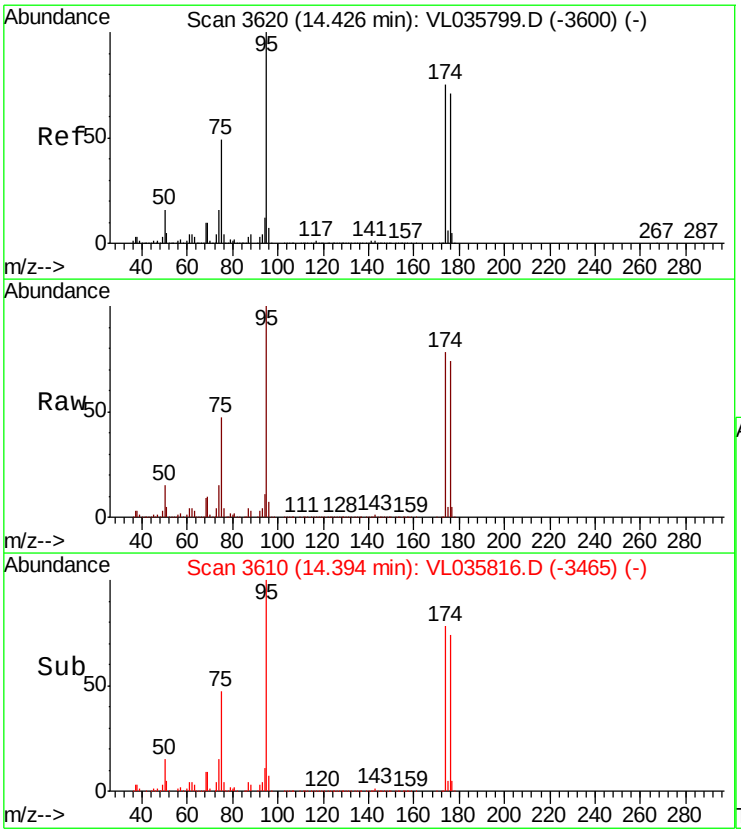
#60
o-Xylene
Concen: 0.107 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.03 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 50939

Ion	Ratio	Lower	Upper
91	100		
106	48.7	24.8	74.4

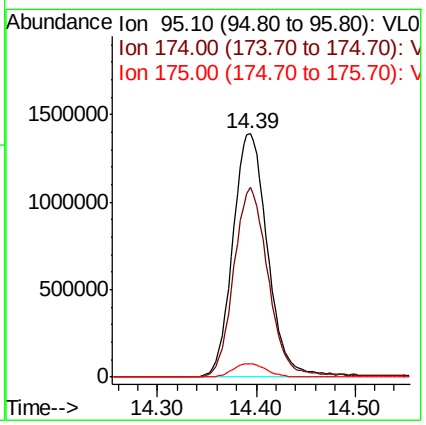


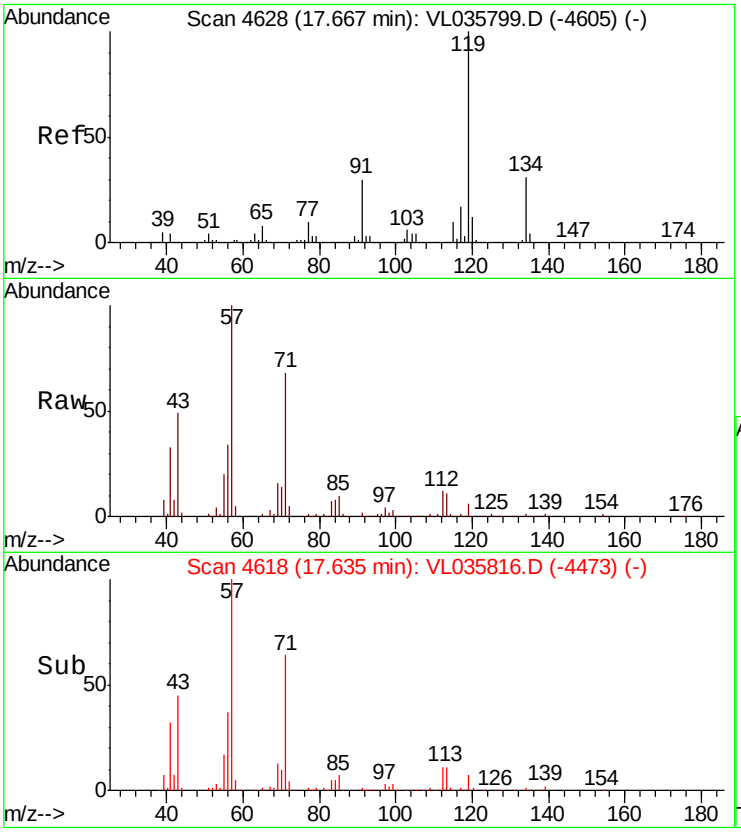


#68
1-Bromo-4-Fluorobenzene
Concen: 10.091 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion: 95 Resp: 3397382

Ion	Ratio	Lower	Upper
95	100		
174	78.8	59.8	89.6
175	5.5	4.3	6.5



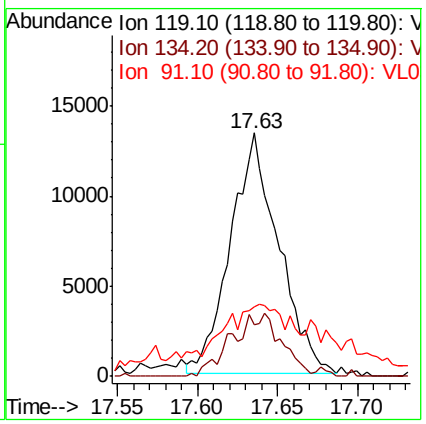


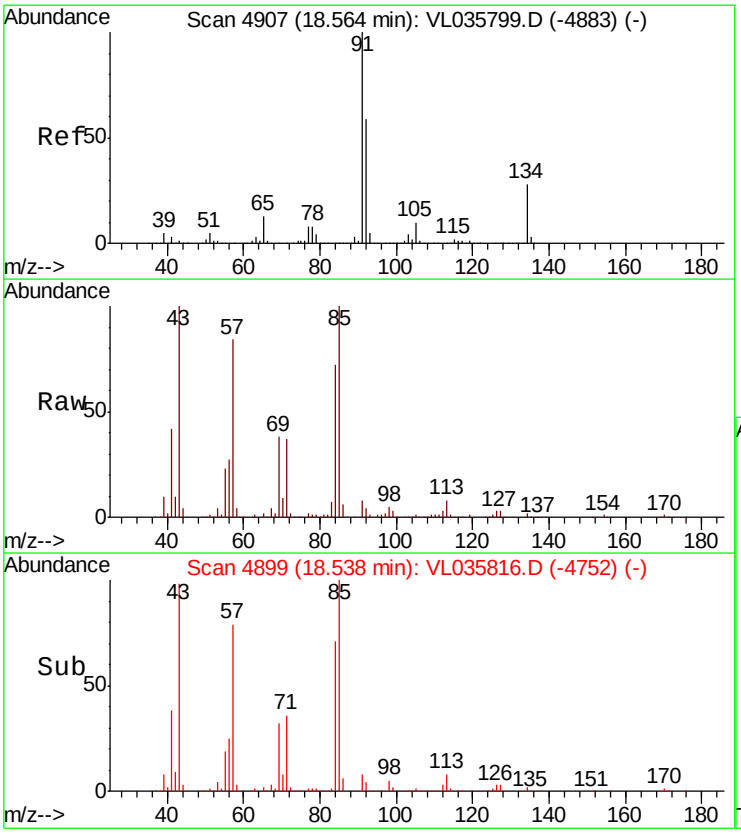
#69
p-Isopropyltoluene
Concen: 0.036 ppbv
RT: 17.63 min Scan# 4618
Delta R.T. -0.03 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 27460

Ion	Ratio	Lower	Upper
119	100		
134	28.3	23.0	34.6
91	51.4	22.8	34.2#

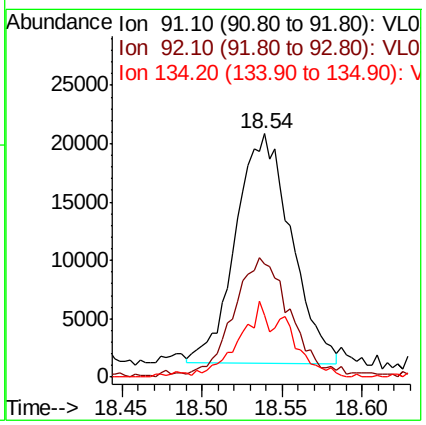


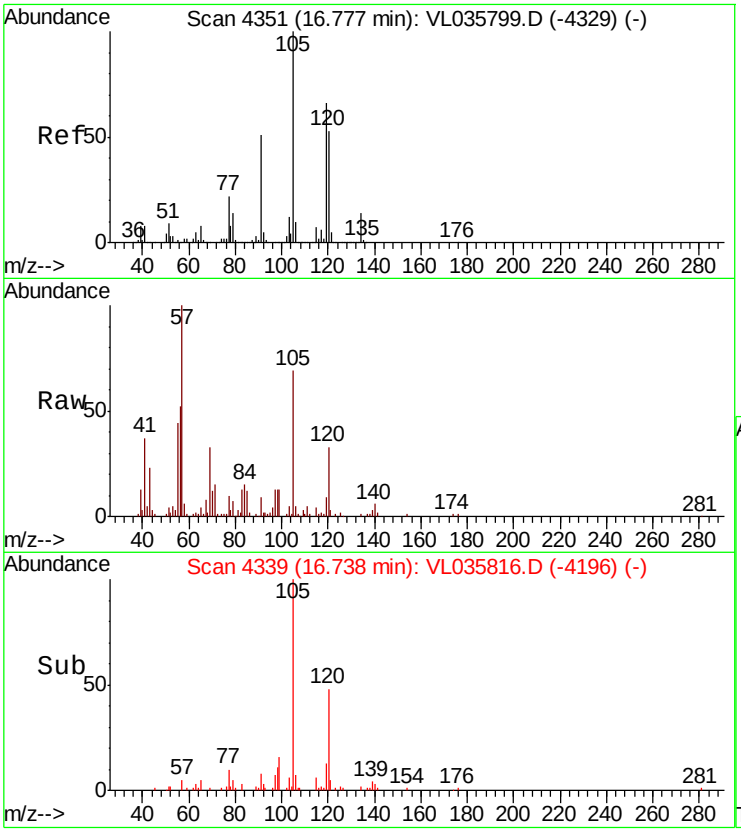


#70
n-Butylbenzene
Concen: 0.064 ppbv
RT: 18.54 min Scan# 4899
Delta R.T. -0.03 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Tgt Ion: 91 Resp: 46585

Ion	Ratio	Lower	Upper
91	100		
92	56.1	45.7	68.5
134	30.4	21.0	31.4





#74
1,2,4-Trimethylbenzene
Concen: 0.053 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.04 min
Lab File: VL035816.D
Acq: 3 Nov 2020 23:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 29672

Ion	Ratio	Lower	Upper
105	100		
120	48.6	42.0	63.0
91	8.4	41.0	61.6#
77	4.6	17.3	25.9#